OPERATING INSTRUCTIONS

for heat press

Secabo TC 10

Congratulations on your purchase of your Secabo heat press! In order to work professionally with the machine and start production, please make sure you read this manual carefully.
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Version 1.1 (08.02.2013)

Safety Precautions

Please read these instructions and safety precautions carefully before using your press for the first time!

- Never reach into the heat press with your hands when it is connected to the power supply, particularly when it is switched on and heated up – danger of severe burns!
- Never open the housing or attempt to modify the machine yourself.
- In case you are requested by the Secabo customer support to open the heating plate cover, please make sure you are wearing respiratory protection and only touch the contained insulation wool with gloves. Any disposal of the wool must be contained in a closed bag.
- Ensure that liquids and metal objects do not get into the inside of the heat press.
- Ensure that the power socket used is grounded. Note that it is only permissible to operate a heat press from a power socket protected by a ground fault protection switch.
- Disconnect machine from power outlet when not in use!
- Never operate the heat press within the reach of children and never leave the machine unsupervised when switched on.
- Ensure that the machine is used only in dry rooms.

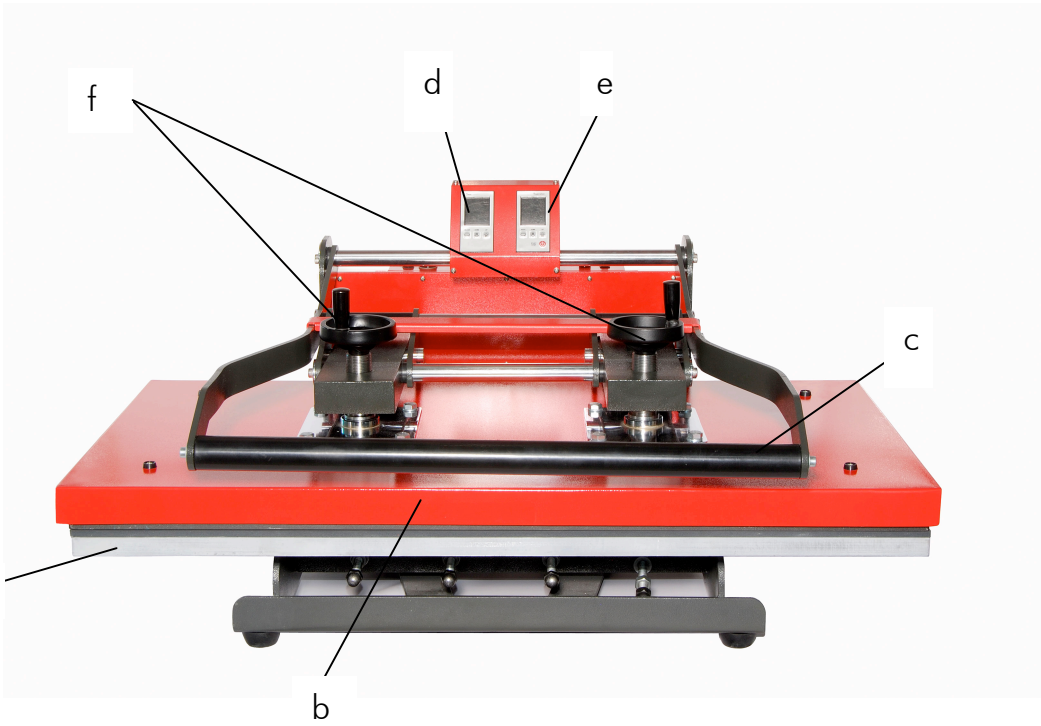
If you cannot observe one or more of the safety precautions above, or if you are not sure whether all points are satisfied, please contact our Technical Support Department.

Scope of Delivery

Before starting work, please check whether the following items are all present:

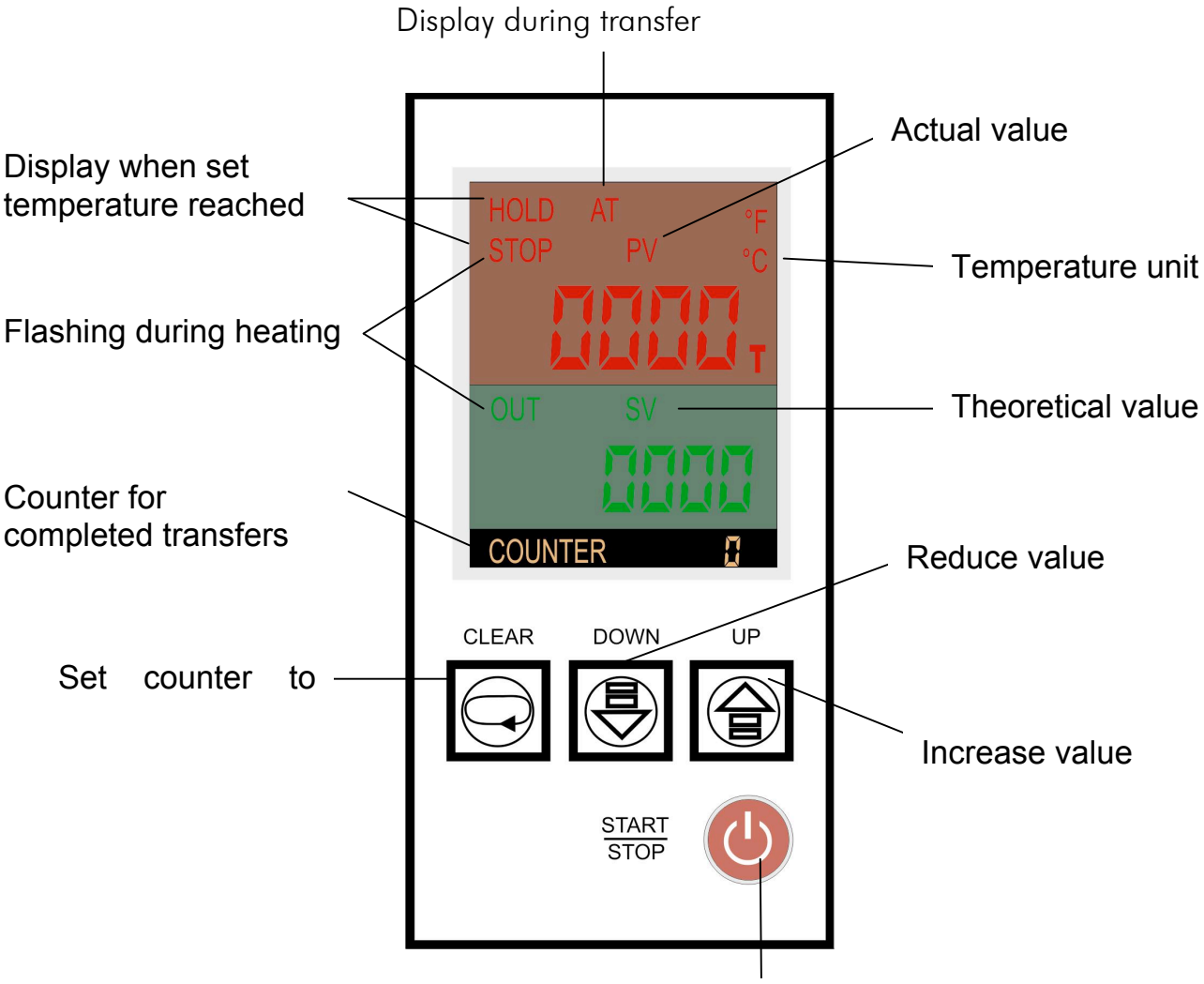
Item	Quantity	
Heat press	1	
Operating instructions	1	

Machine description



a) Work surface
b) Heating plate
c) Press lever
d) Time controller
e) Temperature controller
f) Adjustable screws for contact pressure

Controllers



Operation

- Connect the heat press to a 400 V power socket (3P+N+PE, 7,5kW.) using the connection cable supplied. It is recommended to have the TC10 connected by an electrician.
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- Switch on the press with the red rocker switch.
- “STOP” is displayed on both controllers.
- Theoretical value “SV” and actual value “PV” are displayed. The theoretical value can now be set on the individual controllers.
- Use “UP” or “DOWN” to set the desired temperature on the temperature controller and to set the desired time on the time controller.
- Press the "START/STOP" button to start heating to the set temperature. “STOP” and “OUT” is displayed alternately on the temperature controller while the press is heating.
- Actual value PV rises to the set temperature.
- A signal is heard when the set temperature is reached. “STOP” and “HOLD” are displayed on the controller; the press is ready for operation.
- You can now make the first transfers. The timer starts running as soon as the press is closed with the press lever. “AT” is displayed on the time controller during the pressing process.
- After expiration of the set time a warning signal sounds.
- You can adjust the contact pressure by turning the large hand screw on the top of the press to increase or reduce the lever path. Turning it clockwise reduces the contact pressure, while turning it anticlockwise increases the pressure.
- The settings cannot be changed during pressing.
- Each time the pressing process is completed, the counter display increments by one after the set time has expired.
- You can reset the counter by pressing “CLEAR”. “COT” is displayed on the time controller. Press “CLEAR” for longer than 2 seconds. If you press it for less than 2 seconds, the action will be cancelled.
- The “MODE” function button is only used for maintenance purposes and does not affect press operation.

Note: Please note that a certain time is required before the press cools down after it is switched off.

Maintenance and cleaning

Maintenance work should always be accomplished with the press switched off and cooled down. The plug must first be disconnected from the power socket. Consult Technical Support before carrying out any maintenance work.

Clean the press regularly with a soft cloth and mild household cleaner to remove adhesive residues etc. Never use scouring sponges, solvents or gasoline!

Recommended Times and Temperatures

These values are only guidelines; they can vary from material to material and should always be checked before pressing.

Material	Temperature	Pressure	Time
Flock film	170°C - 185°C	light-medium	25s
Flex film	160°C - 170°C	medium-high	25s
Sublimation flex	180°C - 195°C	medium-high	10s - 35s
Sublimation on ceramic mugs	200°C	medium-high	150s - 180s
Sublimation on tiles	200°C	high	120s - 480s (depending on thickness of material)
Sublimation on jigsaw puzzles	200°C	light-medium	25s
Sublimation mousepads	200°C	medium	20s - 40s
Sublimation on textiles	200°C	medium-high	30s - 50s
Sublimation on metal plates	200°C	high	10s - 50s (depending on thickness of material)

Important note: You should carry out your own tests with the transfer material and backing to be used before starting production. The values given above and the manufacturer's own figures are only intended as a guide. You should establish the washability and behaviour during transfer in your own tests. The recommended values do not imply a guarantee. The user is responsible for determining and using the appropriate setting for his particular conditions.

Note for textile work: After pressing, allow textiles to cool down before removing any type of backing from the transfer material. The hot glue in the transfer material develops its adhesive force only in the cold state. If the adhesive does not stick in the cold state, it may have been pressed too cold or for too short a time.

Technical data

Heat press	Secabo TC 10
Type	Clam heat press
Work surface size	50cm x 100cm
Clam angle	0° - 50°
Max. temperature	260°C
Max. time setting	9999s
Max. contact pressure	250g/cm²
Pressure adjustment	height adjustment of the base plate using the hand valve
Power supply	3P+N+PE, 7,5kW. . It is recommended to have the TC10 connected by an electrician.
Ambient conditions	+ 5°C - +35°C / 30% - 70% humidity
Weight	130 kg
Dimensions (W x H x D)	102cm x 50cm x 82cm
Scope of Delivery	Heat press, operating instructions

Statement of Conformity - Konformitätserklärung

We herewith declare under sole responsibility that the under „technical data“ mentioned product meet the provisions of the following EC Directives and Harmonized Standards:

Hiermit erklären wir in alleiniger Verantwortung, dass das unter „Technische Daten“ genannte Produkt mit den Bestimmungen der folgenden EG-Richtlinien und Normen übereinstimmt:

EG-Richtlinien / EC Directives:
2006/95/EG Niederspannungsrichtlinie
2006/95/EC Low Volatge Directive
98/37/EG Maschinenrichtlinie (2006/42/EG ab 29.12.2009)
98/37/EC Directive on machinery (from 2009-12-29: 2006/42/EC)

Norm / Standard:
EN 60204-1:2006
Technische Dokumente bei / Technical documents at:
Secabo GmbH, Hochstatt 6-8, 85283 Wolnzach, Germany

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